Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (currently amended): An electrical device capable of auto-adjusting display direction according to a tilt of a display comprising:

a housing;

a display panel installed on the housing for displaying images;

a gravity sensor for generating a sensing parameter based on a tilt of the display panel, the gravity sensor comprising:

an x-axis gravity sensor for sensing tilt in the x-coordinate direction and producing a first tilt signal;

a y-axis gravity sensor for sensing tilt in the y-coordinate direction and producing a second tilt signal; and

a duty signal modulator for respectively transforming the first tilt signal and the second tilt signal into a first square wave and a second square wave, wherein duty cycles of the first and second square waves respectively vary according to a tilting amount of the electrical device in the x-coordinate direction and the y-coordinate direction, the first and second square waves together forming the sensing parameter;

a direction control device for generating direction signals; and

a micro-controller for adjusting the display direction of the display panel based on the sensing parameter, and for adjusting the indicated direction corresponding to direction signals generated by the direction control device.

2 (original): The electrical device of claim 1, wherein the direction control device is a set of four-direction buttons.

3 (original): The electrical device of claim 1, wherein the direction control device is set on the housing.

4 (original): The electrical device of claim 1, wherein the direction control device is a joystick or a track ball connected to the housing of the electrical device.

5 (original): The electrical device of claim 1 being capable of displaying the images in four different directions.

6 (currently amended): The electrical device of claim 5, wherein the micro-controller switches the display direction of the display panel when the tilt angle detected by the [[G]] gravity sensor reaches a predetermined angle.

7 (original): The electrical device of claim 1 being a personal digital assistant, a tablet PC, a digital camera or a digital camcorder.